

Sanketh Kini

Software Engineer

**Actively Looking for
Openings**

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🌐 [LinkedIn](#)

🐙 [github](#)

📝 [blogs](#)

Skills

- GoLang ■ Java ■ MySQL ■ RDBMS
- Svelte ■ OOPS ■ Spring boot
- gRPC ■ Protobuf ■ REST
- Redis ■ Kafka ■ Elasticsearch
- Apache Airflow ■ Python
- Data Structures ■ Algorithm
- Kubernetes ■ Docker
- Git ■ Linux ■ Nginx
- Microservices ■ System Design
- Database Design ■ SRE
- Problem Solving ■ Team Lead

Education

2018–2022

Bachelor Of Engineering (BE)

Information Science

**Nitte Meenakshi Institute of
Technology, Bangalore**

CGPA - 8.13

Awards & Recognition

- Second runner up in Nuclei's internal Ideathon
- House runner up [Nuclei internal House Competition]

Blogs

- How to scale MySQL for medium scale applications [🔗](#)
- Solving memory leaks in GoLang application [🔗](#)
- Memory usage GoLang vs Java [🔗](#)

About me

Software Engineer with nearly 3 years of experience in designing, developing, and deploying scalable, high-performance microservices and backend systems. Always eager to learn, innovate, and push boundaries. Driven by a growth mindset, I aim to contribute to impactful projects and collaborate with like-minded engineers in a dynamic environment.

Work Experience

Software Development Engineer 2 | Nuclei, Bengaluru

Since July 2024

- Led backend engineering for a Retail Banking platform integrated with 12+ Indian and MEA banks, handling over **4 million** transactions monthly.
 - Designed robust **Java & Go** microservices for high-revenue features in the Flights ticket marketplace with real-time vendor price comparison and booking.
 - Implemented **archival strategy** for high volume MySQL database with tables spanning more than **100 million rows**, without any significant downtime.
 - Planned and executed **DR Drill** without any hiccups in a real-time situation. Created CI/CD pipelines using GitHub Actions.
 - Facilitated sprint planning, capacity planning, and architecture decisions. Focused on efficient PR reviews with exhaustive checklists.
- Skills - Problem Solving, System Design, Microservices, Golang, Java, Mysql, Elasticsearch, k8s (kubernetes), Microservices, Team Lead

Software Development Engineer | Nuclei, Bengaluru

July 2022 - June 2024 (2 years)

- Designed and developed microservices in **Java Spring Boot & Go** which were responsible for 70% revenue of the company. Framed **HLD and LLD** of Recharge service which gets **100 thousand** transactions per day. Designed API interfaces with **gRPC and REST** for inter service communication.
- Designed & Developed a system capable of sending **1 million** custom push notifications. Conducted load testing of existing systems to validate system performance and scalability for **10 million** notifications per day.
- Integrated asynchronous messaging system such as Kafka into the microservices to facilitate post payment order processing.
- Wrote efficient SQL queries and optimized tables exceeding 100M rows for faster access using matching indexes. Implemented multi-layer caching strategies using CDN, Nginx, Redis, and in-memory caches.
- Worked as **Reliability Engineer**, debugged production issues which were causing huge revenue leaks in the system. Wrote RCA on multiple issues.
- Translated design concepts into interactive web pages using the JS based **Sveltekit framework**. Got the exposure on front end tech.

Skills - Java, Golang, MySQL, Kafka, gRPC, REST, APIs, K8s, Docker, Svelte, Redis,

Full Stack Developer Intern | Nuclei, Bengaluru

January 2022 - June 2022 (6 months)

- Built E-Giftcard microservices in Go with Protobuf and gRPC, handling 100K+ daily API calls with minimal latency.
- Resolved critical **memory leak** in Go microservice, saving infrastructure costs and improving container stability.